

BCA Syllabus:

SEMESTER – I	SEMESTER - III	SEMESTER - V
101 – Communication Skills	301 – Numerical & Statistical Methods	501 – Java Programming Language – II
102 – Mathematics – I	302 – RDBMS	502 – UNIX & Shell Programming
103 – Introduction to Computer	303 – Advance ‘C’ & Data Structure	503 – E-Commerce
104 – PC Software – I	304 – Object Oriented Programming	504 – Operating System – II
105 – CPPM (BASIC)	305 – Software Engineering	505 – ASP.NET
106 – Practical (PCS & CPPM)	306 – Communication Skills	506 – Practical
SEMESTER – II	SEMESTER – IV	SEMESTER - VI
201 – Financial Accounting	401 – Information System	601 – Computer Graphics
202 – Organization Behavior	402 – .NET Programming	602 – Information System Application
203 – Operating System	403 – Java Programming Language	603 – Project
204 – Programming Language C	404 – Web Designing	
205 – DBMS	405 – Computer Network	
206 – Practical (Access & C)	406 – Practical	

Eligibility of the BCA Course: Eligibility for admission to BCA programme is H.S.C. (12th Science/Commerce) pass with minimum of 35% marks as overall result from Gujarat State Board or other recognized boards.

COURSE CURRICULUM

SEMESTER - I

101 Communication Skills
102 Mathematics I
103 Introduction to Computer
104 PC Software I
105 CPPM (BASIC)
106 Practical (PC & CPPM)

SEMESTER -II

201 Financial Accounting
202 DBMS
203 Programming Language C
204 Operating System -I
205 Organization Behaviour
206 Practical (Access & C)

SEMESTER -III

301 Numerical and Statistical Methods
302 Relational Database Management Systems
303 ADVANCE 'C' & Data Structure
304 Object Oriented Programming
305 Software Engineering
306 Practical

SEMESTER -IV

401 Information Systems
402 .NET Programming
403 Java Programming Language
404 Web Designing
405 Computer Network
406 Practical

SEMESTER -V

501 Java Programming Language II
502 Unix & Shell Programming
503 E-Commerce
504 Operating System II
505 ASP.Net
506 Practical

SEMESTER -VI

601 Computer Graphics
602 Information System Application
603 Project